



2814
JAN 14 2004

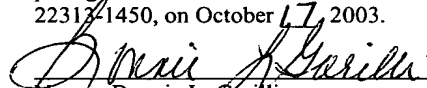
Docket No. 740756-2183

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
Shunpei YAMAZAKI)
Serial No. 09/620,968) Examiner: Nathan W. Ha
Filed: July 20, 2000) Group Art Unit: 2814
For: METHOD OF FORMING INSULATION FILMS,) Confirmation No. 4214
CAPACITANCES, AND SEMICONDUCTOR DEVICES)

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage for First Class Mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on October 17, 2003.


Name: Bonnie L. Garlin

REQUEST FOR ACKNOWLEDGMENT OF
INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Alexandria, VA 22313-1450

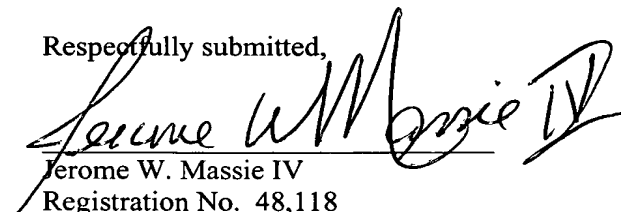
Sir:

An Information Disclosure Statement with Form PTO-1449 was filed in the above-identified patent application on July 20, 2000. Applicants have not yet received back from the Examiner a copy of the Form PTO-1449 initialed to acknowledge the fact that the Examiner has considered the cited disclosed information.

The Examiner is requested to initial and return to the undersigned a copy of the subject Form PTO-1449.

Should there be any questions concerning this communication, please telephone the undersigned at the number set forth below.

Respectfully submitted,


Jerome W. Massie IV
Registration No. 48,118

Nixon Peabody LLP
401 9th Street, N.W.
Suite 900
Washington, DC 20004-2128
(202) 585-8000
(202) 585-8080 FAX

Form PTO-1449
(Rev. 8-83)U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket No. 0756-2183

Serial No. Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicant: Shunpei YAMAZAKI

Filing Date: July 20, 2000

Group: 2811

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
	4,849,081	7/18/89	Ross			
	3,607,679	9/1971	Melroy et al.			
	3,607,697	9/1971	Shirn et al.			
	3,616,400	10/1971	Wasa et al.			
	3,763,026	10/1973	Cordes			
	4,515,668	5/1985	Brownell et al.			
	4,849,081	7/1989	Ross			
	4,732,659	3/1988	Schachter et al.			
	4,790,920	12/1988	Krzanich			
	4,804,640	2/1989	Kaganowicz et al.			
	4,883,543	11/1989	Gossen, Jr. et al.			

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation	
					Yes	No
26-40078	7/8/90	France				X
02-61128	11/1987	Japan				
10-96925	12/1967	Great Britain				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Young et al., "Correlation... Ta ₂ O ₅ films", J. Fac. Sci. Technol., Vol. 14, No. 1, Jan/Feb 1977.
	Schrieber et al., J. Electrochem Soc., Vol. 123, No. 1, pp. 30-33 (1976)
	Suyama et al., "Electrical Conduction Mechanism and Breakdown Property in Sputter-Deposited Silicon Dioxide Films on Polycrystalline Silicon", J. Appl. Phys. Vol 65, No. 1, 1 January 1989, pp. 210-214
	Jones et al., "Effect of Oxygen on the rf-Sputtering Rate of SiO ₂ ", J. Vacuum Sci. and Technology, Vol. 5, No. 3, pp. 84-87.
	Kozuma et al., "Some Properties of Silica Film Made by RF Glow Discharge Sputtering", J. Jap of Appl. Phys., vol. 9, No. 8, August 1970, pp. 983-91.
	Suyama et al., Chem. Abstracts 109573w, March 12, 1990, p. 750.

Examiner

Date Considered

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449
(Rev. 8-83)U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket No. 0756-2183

Serial No. Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT

Applicant: Shunp i YAMAZAKI

Filing Date: July 20, 2000

Group: 2811

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
	4,951,175	8/1990	Kurosawa et al.			
	5,006,481	4/1991	Chan et al.			
	5,043,298	8/1991	Yamada et al.			
	4,350,537	9/1982	Young et al.			
	4,427,723	1/1984	Swain			
	4,539,431	9/1985	Moddel et al.			
	5,203,929	4/1993	Takayanagi et al.			
	4,849,081	7/18/89	Ross			
	5,665,210	9/9/97	Yamazaki			
	4,581,248	4/1986	Roche			
	4,624,736	11/1986	Gee et al.			
	4,906,328	3/1990	Freeman et al.			
	4,987,008	1/1991	Yamazaki et al.			
	5,213,997	5/1993	Ishihara et al.			
	4,888,630	12/19/89	Paterson			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Croteau et al. "Growth and Characterisation of PD(Zr, Ti) ⁰³ Films Deposited by Reactive Sputtering of Metallic Targets" Proceedings of the Sixth IEEE International Symposium on Applications of Ferroelectrics, pp. 606-609, 1986.
	definition from Merriam Webster Collegiate Dictionary, Tenth Edition
	IEDM 11-14 Dec. 1988, pp. 222-225, San Francisco, Calif., U.S.; H. Takato et al; "High Performance CMOS Surrounding Gate Transistor (SGT) for Ultra High Density LSIs".
	Mizuno et al., "High Speed and Highly Reliable Trench MOSFET with Dual Gate", Symp. VLSI Tech. Dig. (1988), pp. 23-24.
	Young et al., "Effect of Pulse Duration on the Annealing of Ion Implanted Silicon With a XeC1 Excimer Laser and Solar Cells", Mat. Res. Soc. Symp. Proc., Vol. 13, 1983, pp. 401-406.
	Schreiber et al., "High Quality RF-Sputtered Silicon Dioxide Layers", J. Electrochem. Soc., Vol. 123, No. 1, 1976, pp. 30-31.

Examiner

Date Considered

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449
(Rev. 8-83)U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket No. 0756-2183

Serial No. Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT

Applicant: Shunpei YAMAZAKI

Filing Date: July 20, 2000

Group: 2811

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
	5,109,357	4/28/92	Eaton Jr.			
	5,136,534	8/1992	McDavid et al.			
	5,302,843	4/12/94	Yamazaki			
	5,403,763	4/4/95	Yamazaki			
	5,587,340	12/24/96	Yamazaki			
	5,464,780	11/7/95	Yamazaki			
	5,561,311	10/1/96	Hamamoto et al.			
	4,937,641	6/26/90	Sunami et al.			
	5,181,088	01/19/93	Makita et al.			
	5,587,340	12/24/96	Yamazaki			
	4,931,897	6/5/90	Tsukamoto			
	4,250,519	2/10/81	Mogi et al.			
	4,554,570	11/19/85	Jastrzebski et al.			
	4,649,406	3/10/87	Takemae et al.			
	4,734,384	3/29/88	Tsuchiya			
	4,786,953	11/22/88	Morie et al.			
	4,818,715	4/4/89	Chao			
	4,819,043	4/4/89	Yazawa et al.			
	4,845,539	7/4/89	Inoue			
	4,891,327	1/2/90	Okumura			
	4,920,065	4/24/90	Chin et al.			
	4,937,641	6/26/90	Sunami et al.			
	4,963,504	10/16/90	Huang			
	4,975,383	12/4/90	Baglee			
	5,017,504	5/21/91	Nishimura et al.			
	5,027,173	6/25/91	Satoh			
	5,032,882	7/16/91	Okumura et al.			

Examiner

Date Considered

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449
(Rev. 8-83)U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket No. 0756-2183

Serial No. Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT

Applicant: Shunpei YAMAZAKI

(Use several sheets if necessary)

Filing Date: July 20, 2000

Group: 2811

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
	5,047,359	09/10/91	Nagatomo			
	5,047,812	10/10/91	Pfiester			
	5,053,842	10/01/91	Kojima			
	5,056,010	10/08/91	Huang			
	5,086,010	02/04/92	Kimura			
	5,189,503	2/23/93	Suguro			
	5,136,534	08/04/92	McDavid et al.			

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation Yes No
2 103 879A	08/19/81	United Kingdom			Full
WO 89/02655	03/23/89	PCT			Full
JP 01-171275	7/6/89	Japan			Abstract
JP 62-23117	1/31/87	Japan			Abstract
JP 62-298119	12/25/87	Japan			Abstract
JP 02-47256	2/16/90	Japan			Abstract
JP 03-16129	24/1/91	Japan			Abstract
JP 03-79028	4/4/91	Japan			Abstract
EP 445535	11/9/91	European			Full
EP 349187	03/01/90	European			Full
1-203666	8/16/89	Japan			X
62-269363	11/21/87	Japan			X
63-199456	8/17/88	Japan			X
1-248557	10/4/89	Japan			X
2-79475	3/20/90	Japan			X

Examiner

Date Considered

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449
(Rev. 8-83)U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket No. 0756-2183

Serial No. Not Yet
Assigned**INFORMATION DISCLOSURE STATEMENT**

OCT 20 2003

(Use several sheets if necessary)

Applicant: Shunpei YAMAZAKI

Filing Date: July 20, 2000

Group: 2811

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	JP 59-99726	6/8/84	Japan			Abstract	
	JP 64-82557	03/28/89	Japan			Abstract	
	JP 01-225148	09/08/89	Japan			Abstract	
	JP 04-61337	02/27/92	Japan			Abstract	
	60-005555	01/12/85	Japan			Abstract	
	60-218472	11/01/85	Japan			Abstract	
	61-119045	06/06/86	Japan			Abstract	
	62-056570	03/12/87	Japan			Abstract	
	63-096262	04/27/88	Japan			Abstract	
	1-218054	08/31/89	Japan			Abstract	

Examiner

Date Considered

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.